

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019511.D
 Acq On : 10 Dec 2020 15:14
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Dec 10 15:35:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 14:54:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	750857	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	696868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	341492	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	281843	58.76	ug/L	0.00
7) Chloroethane-d5	1.57	69	221599	58.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	521996	56.93	ug/L	0.00
21) 2-Butanone-d5	3.89	46	301198	114.26	ug/L	0.00
24) Chloroform-d	4.35	84	498391	57.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.03	65	327006	57.62	ug/L	0.00
32) Benzene-d6	5.05	84	960866	57.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	303899	58.51	ug/L	0.00
41) Toluene-d8	7.32	98	870470	58.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	169598	57.11	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	227543	110.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	391754	54.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	322148	56.19	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	323064	53.982	ug/L	100
3) Chloromethane	1.24	50	327150	50.700	ug/L	100
5) Vinyl chloride	1.32	62	335147	51.996	ug/L	99
6) Bromomethane	1.52	94	204063	52.940	ug/L	99
8) Chloroethane	1.59	64	200962	51.644	ug/L	100
9) Trichlorofluoromethane	1.76	101	421064	53.644	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	234149	54.515	ug/L	99
12) 1,1-Dichloroethene	2.12	96	230287	51.508	ug/L #	83
13) Acetone	2.19	43	238155	94.316	ug/L	99
14) Carbon disulfide	2.30	76	774819	52.989	ug/L	100
15) Methyl Acetate	2.43	43	273738	49.889	ug/L	100
16) Methylene chloride	2.51	84	262224	49.969	ug/L	99
17) trans-1,2-Dichloroethene	2.76	96	254370	51.978	ug/L	98
18) Methyl tert-butyl Ether	2.77	73	872697	50.876	ug/L	100
19) 1,1-Dichloroethane	3.19	63	480822	50.507	ug/L	99
20) cis-1,2-Dichloroethene	3.91	96	276750	51.345	ug/L #	99
22) 2-Butanone	3.97	43	373784	100.584	ug/L	100
23) Bromochloromethane	4.25	128	135774	51.197	ug/L	97
25) Chloroform	4.38	83	482441	50.827	ug/L	99
27) 1,2-Dichloroethane	5.13	62	396964	50.277	ug/L	99
29) Cyclohexane	4.68	56	455312	53.870	ug/L	100
30) 1,1,1-Trichloroethane	4.61	97	447047	51.221	ug/L	99
31) Carbon tetrachloride	4.83	117	383296	52.187	ug/L	98
33) Benzene	5.10	78	1034921	50.826	ug/L	100
34) Trichloroethene	5.92	95	273323	50.842	ug/L	99
35) Methylcyclohexane	6.13	83	437707	54.250	ug/L	99
37) 1,2-Dichloropropane	6.17	63	272559	51.232	ug/L	100
38) Bromodichloromethane	6.51	83	376600	50.680	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	449997	50.717	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	763293	98.585	ug/L	99

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42) Toluene	7.39	91	1101934	51.350	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	453593	50.700	ug/L	98
45) 1,1,2-Trichloroethane	7.84	97	253390	50.163	ug/L	99
46) Tetrachloroethene	7.98	164	194635	52.542	ug/L	98
48) 2-Hexanone	8.14	43	575160	98.079	ug/L	99
49) Dibromochloromethane	8.25	129	282945	51.204	ug/L	99
50) 1,2-Dibromoethane	8.35	107	271890	51.076	ug/L	99
51) Chlorobenzene	8.88	112	698424	50.985	ug/L	99
52) Ethylbenzene	9.01	91	1259148	51.517	ug/L	100
53) m,p-Xylene	9.14	106	475633	52.229	ug/L	99
54) o-xylene	9.55	106	460628	51.462	ug/L	98
55) Styrene	9.56	104	809061	51.882	ug/L	99
56) Isopropylbenzene	9.93	105	1241066	52.109	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.24	83	401461	49.245	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	328329	49.368	ug/L	99
61) Bromoform	9.73	173	190688	50.319	ug/L	99
62) 1,3-Dichlorobenzene	11.18	146	537400	51.401	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	543201	51.272	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	530369	51.279	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	106863	49.099	ug/L	93
67) 1,3,5-Trichlorobenzene	12.65	180	384381	52.071	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	361628	52.488	ug/L	99
69) Naphthalene	13.50	128	1249971	51.814	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	351530	52.043	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

